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LaRocque et al.(10) **Pub. No.: US 2022/0011253 A1**(43) **Pub. Date: Jan. 13, 2022**(54) **WATER VAPOR DISTILLATION
APPARATUS, METHOD AND SYSTEM****C02F 1/04** (2006.01)**B01D 3/42** (2006.01)**F17D 3/01** (2006.01)**G01N 33/18** (2006.01)(71) Applicant: **DEKA Products Limited Partnership,**
Manchester, NH (US)(72) Inventors: **Ryan Keith LaRocque,** Manchester,
NH (US); **Russell H. Beavis,**
Merrimack, NH (US); **Christopher C.**
Langenfeld, Nashua, NH (US);
Andrew A. Schnellinger, Merrimack,
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G01N 33/1893 (2013.01)(21) Appl. No.: **17/223,060**(22) Filed: **Apr. 6, 2021****Related U.S. Application Data**(60) Continuation of application No. 15/457,291, filed on
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26, 2013, now Pat. No. 9,593,809.(60) Provisional application No. 61/819,919, filed on May
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(57)

ABSTRACT

A system for product water output. The system includes a controller, a first conductivity sensor in communication with the controller, a first product valve downstream from the first conductivity sensor and in communication with the controller, a second product valve downstream from the first product valve and in communication with the controller, a second conductivity sensor downstream from the second product valve and in communication with the controller, and a divert valve downstream from the first conductivity sensor and upstream from the first product valve and in communication with the controller.

